

Semiconductor Insider

Issue 37, February 2011

Industry News (click title to view original source.)

Semicon Tool and Equipment Lifecycles Increase

Market-leading Thin Film technology of Sulzer Metco enables manufacturers to reduce friction and wear in semicon manufacturing equipment. The wear-resistant, low-friction coatings increase the lifecycle of tools, enabling fabs to boost uptime, maintain productivity and maximize revenue.

Freescale Semiconductor Collaborates on 3D Eyewear

Freescale Semiconductor Inc. (in collaboration with RealD Inc.) is developing technology for super 3D television glasses, which synchronize 3D television over the air without using traditional infrared technology, and without any of the inconvenient limitations.

Remote Controls of the Future are Here Now

Nordic Semiconductor's new double-sided remote controller, the 'Boxee Box' incorporates an operationally simple navigation interface on the front and full QWERTY keyboard on the flipside. It uses the company's 2.4GHz wireless connectivity technology.

IBM and Samsung Collaborate on Semicon Research

IBM and Samsung announced they will collaborate on basic research into new semiconductor materials, manufacturing processes and other technologies. The agreement calls for the two companies to jointly develop new semiconductor process technology that can be used in a broad range of applications — from smart phone handsets to communications infrastructure.

Centrosolar Gets Ray of Sunshine From TSMC

Centrosolar Group AG, a rooftop solar-system maker, will build panels for Taiwan Semiconductor Manufacturing Co. to show Germany can compete with production in lower-cost countries. Centrosolar initially will supply 100 megawatts a year of module capacity using component cells supplied by TSMC.

IBM and ARM Collaborate on Next-Gen Mobile Chips

IBM and UK chip developer ARM are to work on 14nm chips that will provide better power management, longer battery life and better multimedia support than existing chips. Under the agreement, ARM and IBM will align their manufacturing, microprocessor and physical intellectual property design teams.

Freescale Aims Quad-Core at Consumer Apps

Freescale Semiconductor Inc. will be the first chip maker to offer quad-core processors which can be used for recording and playback of 3D video, augmented reality, mobile gaming and driver-information systems. The company's new i.MX6 series offers three price/performance levels with one-, two- and four-core models, allowing original equipment manufacturers to design once, but deploy many models.

Karnataka India Set to be a Semicon Hub

The IT department of the state of Karnataka in India is planning its locale to become the semiconductor hub of the country. Karnataka is now exploring options like partnerships with fab manufacturing countries, R&D organizations, and academic institutions, to explore possibilities for the growth of semiconductor companies located in the state.

SlimPort Technology to be Unleashed by Analogix

Analogix Semiconductor, a provider of digital media interface solutions, announced the launch of its SlimPort technology, which allows mobile devices to deliver uncompressed 3D HD audio and video to large screen HDTVs and other displays without draining the mobile devices' batteries.

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Resource Engineer- Varian Implant Legacy Tools

12 months - Worldwide Travel - #1962

Resource Engineer- Lam 2300 Etch

Various length assignments - Multiple Locations - #1937

Resource Engineer- AMAT Producer CVD

Various length assignments - Multiple Locations - #1929

Resource Engineer- AMAT P5000

Long Term - Santa Clara, CA - #1963

Resource Engineer- AMAT HDP

Various length assignments - Multiple Locations - #1934

Resource Engineer- AMAT Centura EPI

Various length assignments - Multiple Locations - #1930

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Job Seeker Insight

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To Blog or Not to Blog?

Can having a blog, personal web site, or social networking site impact your job search? It could - for better or for worse. [Learn more>>](#)

Job Seeking Trends for 2011

2011 is shaping up to be a great year for job seekers, especially if you are filling a critical need job. There is still high unemployment, but that does not mean you are out of luck. Having a positive attitude and staying abreast of these trends will put you in the running to find that job you want. [Learn more>>](#)

Find More Job Seeker Tips at www.nstargs.com



FuN Fact:

Top 10 Electric Car Makers

By 2011 year end, competition will be intense for electric car leadership. See the following Top 10 list that describes the market share leaders for delivered plug-in vehicles on the United States roads in 2011.

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[ON Semicon Acquires SANYO](#)

ON Semiconductor Corporation has acquired SANYO Semiconductor Co., Ltd. and other assets related to semiconductor business of SANYO Electric Co., Ltd. for a purchase price of approximately \$522 million.

[Semicon Industry Growth to Slow in 2011](#)

The chip industry is more likely to see revenue growth of 5% this year compared with over 30% last year, as it faces lower average selling prices for chips and the cyclical demand for semiconductors hits a lull.

[Globalfoundries To Spend \\$5.4B on Expansion](#)

Globalfoundries plans to spend a whopping \$5.4 billion on expansion of its facilities in 2011 - two times higher than capital expenditures in 2010. The firm plans to build a new factory in Saratoga Country, New York, expand its existing fab in Dresden, Germany and also finance its other production facilities, including the one that will be located in Abu Dhabi.

[HDL Design House Joins the HSIA](#)

HDL Design House of Serbia joined the Hellenic Semiconductor Industry Association as a full member. With this, HSIA and HDL-DH join forces to extend the reach of the association and help advance the high tech industry of Southeastern Europe to a dynamic and credible partner in the global market.

Keep up with changes at www.nstargs.com

January Referral CoNtest WiNners:

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Congrats, and Thank You!

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for a \$50 gift card of your choice!

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Other News of Nterest

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[Mother Nature Improves PV Industry](#)

The PV industry's latest innovation in cell design owes as much to Mother Nature as it does to time spent in any laboratory. It is the water-repellent, antireflective coating of a moth's eye that has provided the

inspiration behind this latest advance in thin-film technology. This advancement significantly cuts down on the amount of sunlight reflected by the cell, enabling it to harness more of the sun's solar energy.

[United Solar Modules on Royal Caribbean Ship](#)

United Solar has installed 80kW of its Uni-Solarbrand modules on Royal Caribbean's Allure of the Seas cruise ship. The modules cover 2,000 m2 and will generate 111,108kWh of electricity annually for the ship's shopping area. These systems strengthen Royal Caribbean's position as an industry leader in the adoption of eco-friendly practices.

[Iranian Villages Equipped with Solar Power Systems](#)

The Iranian province of Kordestan is to supply electricity to several remote villages in eastern Kurdistan by equipping them with solar power systems. The project is the latest stage in the Iranian government's program to ensure the entire country has access to electricity.

"N" Quotes

“ I am grateful to be given the opportunity to bring my industry experience in support of NSTAR's customer accounts, and to represent an organization that takes the steps to bring out the best in its employees. I wish nothing else but success upon NSTAR and its employees.

- CD, Texas

“ I have nothing but good things to say about my experience with my first assignment. It is what I've been looking for since getting laid off. Everyone at NSTAR I have contacted for assistance has been professional and very courteous. NSTAR is a great company to work for!

- AG, California

“ I have never worked for a company that is so dedicated to the needs and requirements of the employee. I always get a timely answer to any question I may have. The online resources are great. NSTAR has been very accommodating.

- RR, Virginia

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Ntertainment:

[Best Super Bowl Ads: A Doggone Tie](#)

For the first time, two ads tied for the top Super Bowl commercial as selected by consumer panelists rating the ads as they aired in the game for USA TODAY'S 23rd annual exclusive Ad Meter. Both ads starred dogs acting like people. Tied for first place is Doritos and Bud Light.



[See how all the ads ranked>>](#)

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